



NITROGLYCERIN

UN 0143 (Desensitized)
 UN 0144 (1 to 10% Solution in alcohol)
 UN 1204 (Not more than 1% Solution in alcohol)
 UN 3064 (1 to 5% Solution in alcohol)

Shipping Name: Nitroglycerin
 Other Names: Blasting oil
 Glycerol trinitrate
 Trinitroglycerin



WARNING! • EXPLOSIVE! SHOCK AND HEAT SENSITIVE!

Hazards:

- Container may BLEVE or explode when exposed to fire
- Irritating to skin, eyes, nose and lungs
- Combustion products include toxic nitrogen oxides

Awareness and Operational Level Training

Response:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Stay upwind and uphill
- Determine the extent of the problem
- BACK OFF! - Isolate a wide area around the release or fire, deny entry and call for expert help
- Remove all ignition sources
- For container exposed to fire evacuate the area in all directions because of the risk of BLEVE or explosion
- Notify local health and fire officials and pollution control agencies
- If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water

Description:

- Pale yellow oily liquid
- No odor
- Sinks in water and is slightly soluble in water
- Very flammable
- May be dissolved in flammable or water soluble solvents
- Freezes at 56° F

Operational Level Training Response:

RELEASE, NO FIRE:

- Stop the release if it can be done safely from a distance
- Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release
- Ventilate confined area if it can be done without placing personnel at risk

FIRE:

- Approach fire with extreme caution; consider letting fire burn
- Specially trained personnel operating from a safe distance can fight fires using foam or dry chemical if available in sufficient amounts or use fog streams to extinguish burning liquid. Keep exposures cool to protect against re-ignition. Do not direct straight streams into liquid.
- Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely
- If cooling streams are ineffective (unvented container distorts, bulges or shows any other signs of expanding), withdraw immediately to a secure location

First Aid:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
 - ♦ Swallowed - do not make the victim vomit
- Seek medical attention

CAS: 55-63-0